ELSEVIER

December 1995

Materials Letters 25 (1995) 311–317

MATERIALS LETTERS

Author index to volume 25

Aldica, G., see L. Diamandescu 25 (1995) 87
Altunbaş, M., see T.D. Dzhafarov 25 (1995) 81
Ardelean, I., see D. Maniu 25 (1995) 147
Aslanoglou, X., see C.C. Trapalis 25 (1995) 265

Badzian, A., see R. Roy 25 (1995) 191
Basak, D. and S.K. Sen, Determination of optical constants of Y_2O_3 films from reflectance and transmittance data using different approaches 25 (1995) 9
Bedekar, A.G., see S.F. Patil 25 (1995) 43
Bell, R.J., see G.J. Millar 25 (1995) 75
Benko, E., see J. Morgiel 25 (1995) 49
Bhalla, A.S., see D. Ravichandran 25 (1995) 161
Bhalla, A.S., see D. Ravichandran 25 (1995) 257
Bhargava, A., see G.J. Millar 25 (1995) 75
Bhattacharya, D., see A. Chattopadhyay 25 (1995) 277

Cao, Z., see W. Xu 25 (1995) 175
Černošek, Z., see E. Černošková 25 (1995) 21
Černošková, E., Z. Černošek, A. Henry, K. Swiatek and M. Frumar, Photoluminescence and optically detected magnetic resonance in Ge_xS_{1-x} system glasses 25 (1995) 21
Chandler, P.J., see D.S. Gill 25 (1995) 1
Chatterjee, M., B. Siladitya and D. Ganguli, Chromia microspheres by the sol–gel technique 25 (1995) 261
Chattopadhyay, A., D. Bhattacharya and R.P. Singh, Studies on the physicochemical nature of yttrium and cupric ion crosslinked guargum-g-acrylamide gel systems 25 (1995) 277
Chen, G., see W. Zhang 25 (1995) 17
Chen, G., see J. Gong 25 (1995) 185
Chen, X.M. and J.S. Yang, PZT-based piezoelectric ceramics with complex structures 25 (1995) 53
Chen, X.Y., see S.B. Xiong 25 (1995) 213
Cheng, G., J. Zhang, F. Liu, J. Shang and X. Dai, Effect of Ca-substitution for yttrium on positron lifetime and superconductivity of $YBa_2Cu_4O_8$ ceramics 25 (1995) 91
Cheng, J.P., see R. Roy 25 (1995) 191
Cherian, K.A., see R. Roy 25 (1995) 191
Christensen, K., see K.E. Violette 25 (1995) 305

Dai, X., see G. Cheng 25 (1995) 91
Demazeau, G., see E. Verdon 25 (1995) 127

0167-577x/95/$09.500 © 1995 Elsevier Science B.V. All rights reserved
SSDI 0167-577x

De Melo, O., see E. Vasco 25 (1995) 205
Deore, B., see S.F. Patil 25 (1995) 43
Devalette, M., see E. Verdon 25 (1995) 127
Dewan, H.S., see R. Roy 25 (1995) 191
Diamandescu, L., D. Tarina and G. Aldica, Evidence for crystallographic nonequivalence of the 2-2-1-2 and 2-2-2-3 (4+1) pyramidal configurations in the system ^{57}Fe:Bi(Pb)–Sr–Ca–Cu–O by Mössbauer spectroscopy 25 (1995) 87
Din, S., Surface study of $Fe_{78}B_{13}Si_9$ amorphous melt spun ribbons using Auger electron spectroscopy 25 (1995) 139
Drawl, W., see R. Roy 25 (1995) 191
Du, S., Z. Liu, L. Li and Z. Gui, Characterization of the microstructure of sintered AlN by SEM and TEM 25 (1995) 105
Dzhafarov, T.D., M. Altunbaş, A. Varilci and T. Küçükömeroğlu, The effect of Au diffusion on structural and superconducting properties of YBaCuO 25 (1995) 81

Eason, R.W., see D.S. Gill 25 (1995) 1
Evangelista, E., L. Francesconi and R. Montanari, Effect of thermal treatments on an ordered Fe–37 at% Al intermetallic compound with Ce, La and Zr additions 25 (1995) 239

Fang, H.-S., see Z.-G. Yang 25 (1995) 209
Feng, D., see W.S. Hu 25 (1995) 5
Fernández-Peña, J., see E. Márquez 25 (1995) 143
Francesconi, L., see E. Evangelista 25 (1995) 239
Fredericks, P.M., see G.J. Millar 25 (1995) 75
Frumar, M., see E. Černošková 25 (1995) 21

Gal-Or, L., see I. Zhitomirsky 25 (1995) 223
Ganguli, D., see M. Chatterjee 25 (1995) 261
Gill, D.S., R.W. Eason, J. Mendiola and P.J. Chandler, Growth of crystalline $Gd_3Ga_5O_{12}$ thin-film optical waveguides by pulsed laser deposition 25 (1995) 1
Gondi, P., R. Montanari and M.E. Tata, MANET steel: thermal treatments and Q^{-1} spectrum evolution 25 (1995) 249
Gong, F.F., H.M. Shen and Y.N. Wang, Fabrication and characterization of sputtered Ni-rich NiTi thin films 25 (1995) 13
Gong, J., G. Ma, E. Xie, C. Xu, Y. Wang and G. Chen, Structural transitions in C_{60} films on high temperature annealing 25 (1995) 185
González-Leal, J.M., see E. Márquez 25 (1995) 143
Gotić, M., see S. Musić 25 (1995) 69
Gu, M., see W. Xu 25 (1995) 175
Gui, Z., see S. Du 25 (1995) 105
Guilemany, J.M., see V.V. Sobolev 25 (1995) 285
Guo, J.K., see S.W. Wang 25 (1995) 151
Guo, X.L., see W.S. Hu 25 (1995) 5

Han, L., see W. Zhang 25 (1995) 17
Henry, A., see E. Černošková 25 (1995) 21
Higashi, Y., see Y. Hirata 25 (1995) 37

Hirata, Y., Y. Higashi and Y. Kamino, Colloidal processing for preparation of laminated composites of New Zealand kaolin/woven fabrics of Si–Ti–C–O fibers 25 (1995) 37
Hu, B., see W. Zhang 25 (1995) 17
Hu, W.S., Z.G. Liu, X.L. Guo, C. Lin, S.N. Zhu and D. Feng, Preparation of *c*-axis oriented ZnO optical waveguiding films on fused silica by pulsed laser reactive ablation 25 (1995) 5
Huang, J.Y., see L.L. Ye 25 (1995) 117
Huang, X.X., see S.W. Wang 25 (1995) 151

Iliescu, T., see D. Maniu 25 (1995) 147
Ittyachen, M.A., see J.K. Thomas 25 (1995) 301

Jiménez-Garay, R., see E. Márquez 25 (1995) 143
Jin, B., see D. Ravichandran 25 (1995) 257
Jin, Z.Z., see G.J. Zhang 25 (1995) 97
Joshi, N.V., see J. Luengo 25 (1995) 65

Kamino, Y., see Y. Hirata 25 (1995) 37
Karakassides, M.A., see C.C. Trapalis 25 (1995) 265
Kim, J., see S.I. Kim 25 (1995) 195
Kim, S.C., see S.I. Kim 25 (1995) 195
Kim, S.I., J. Kim, S.C. Kim, S.I. Yun and T.Y. Kwon, Second harmonic generation in the $Gd_2(MoO_4)_3$ crystal grown by the Czochralski method 25 (1995) 195
Kitamori, N., see A. Sakai 25 (1995) 61
Kohn, A., see I. Zhitomirsky 25 (1995) 223
Kordas, G., see C.C. Trapalis 25 (1995) 265
Koshy, J., see J.K. Thomas 25 (1995) 301
Krishan, K., see S. Venugopal 25 (1995) 245
Küçükömeroğlu, T., see T.D. Dzhafarov 25 (1995) 81
Kuri, S.E., see C.A.C. Sousa 25 (1995) 57
Kurian, J., see J.K. Thomas 25 (1995) 301
Kwon, T.Y., see S.I. Kim 25 (1995) 195

Langlade, C., see R. Roy 25 (1995) 191
Li, B.S., see S.W. Wang 25 (1995) 151
Li, L., see S. Du 25 (1995) 105
Lin, C., see W.S. Hu 25 (1995) 5
Lin, C., see W. Xu 25 (1995) 175
Liu, F., see G. Cheng 25 (1995) 91
Liu, Y. and X. Song, Temperature and loading rate effects on fracture properties of $Ni_3(AlFe)$ 25 (1995) 123
Liu, Z., see S. Du 25 (1995) 105
Liu, Z.G., see W.S. Hu 25 (1995) 5
Liu, Z.G., see L.L. Ye 25 (1995) 117
Liu, Z.G., see S.B. Xiong 25 (1995) 213
Liu, Z.G., see X.K. Meng 25 (1995) 235
Ljubešić, N., see S. Musić 25 (1995) 69
Lopez, T., see E. Sanchez 25 (1995) 271
Luengo, J. and N.V. Joshi, Experimental investigation of intra-shell transitions of Cr^{2+} in $Zn_{1-x}Cr_xS$ 25 (1995) 65

Ma, G., see J. Gong 25 (1995) 185
Mackinnon, I.D.R., see G.J. Millar 25 (1995) 75
Maher, D.M., see K.E. Violette 25 (1995) 305
Mahidhara, R.K., Superplastic flow and failure in a fine-grained 7475 Al alloy 25 (1995) 111
Maniu, D., I. Ardelean and T. Iliescu, Raman spectroscopic investigations of the structure of $xV_2O_5 \cdot (1-x)[3B_2O_3 \cdot K_2O]$ glasses 25 (1995) 147
Mannan, S.L., see S. Venugopal 25 (1995) 245
Márquez, E., J. Fernández-Peña, J.M. González-Leal and R. Jiménez-Garay, Optical reflectivity monitoring of the Ag-photodissolution kinetics in $As_{30}S_{70}$ chalcogenide glass films 25 (1995) 143
Mendiola, J., see D.S. Gill 25 (1995) 1
Meng, X.K. and Z.G. Liu, Transmission electron microscope in-situ observations of twinning in the lamellar microstructure in a TiAl based alloy 25 (1995) 235
Millar, G.J., R.J. Bell, A. Bhargava, I.D.R. Mackinnon and P.M. Fredericks, FT Raman spectroscopic characterization of oxalate precursors to YBCO superconductors 25 (1995) 75
Montanari, R., see E. Evangelista 25 (1995) 239
Montanari, R., see P. Gondi 25 (1995) 249
Morgiel, J. and E. Benko, Microstructure of boron nitride sintered with titanium 25 (1995) 49
Motojima, S., see A. Sakai 25 (1995) 61
Muccillo, E.N.S., see R. Muccillo 25 (1995) 165
Muccillo, R., N.H. Saito and E.N.S. Muccillo, Properties of zirconia–magnesia solid electrolytes prepared by the citrate method 25 (1995) 165
Mukherjee, A.K., see J.A. Schneider 25 (1995) 101
Musić, S., M. Gotić and N. Ljubešić, Influence of sodium polyanethol sulphonate on the morphology of β-FeOOH particles obtained from the hydrolysis of a $FeCl_3$ solution 25 (1995) 69

Nishi, K., see A. Sakai 25 (1995) 61

Okuyama, M., see W. Xu 25 (1995) 175
Ostrovskaya, N.F., see V.L. Solozhenko 25 (1995) 133
Öztürk, M.C., see K.E. Violette 25 (1995) 305

Patil, R.C., see S.F. Patil 25 (1995) 43
Patil, S.F., A.G. Bedekar, R.C. Patil and B. Deore, Optical and morphological investigations of electrochemically deposited poly (N-methyl aniline) films 25 (1995) 43
Pell, J.W., J.Y. Ying and H.-C. Zur Loye, Sol–gel synthesis of α-$Bi_2VO_{5.5}$ using a soluble bismuth precursor 25 (1995) 157
Prasad, Y.V.R.K., see S. Venugopal 25 (1995) 245
Purón, E., see E. Vasco 25 (1995) 205

Quan, M.X., see L.L. Ye 25 (1995) 117

Rabkin, E., Chemical effects during solute-atom segregation at grain boundaries in the mean field approximation 25 (1995) 199
Ramasamy, P., see M.D. Shaji Kumar 25 (1995) 171
Rauf, I.A. and J. Yuan, Effects of microstructure on the optical properties of tin-doped indium oxide thin films studied by electron energy loss spectroscopy 25 (1995) 217
Ravichandran, D., A.S. Bhalla and R. Roy, Sol–gel derived $Pb(Sc_{0.5}Ta_{0.5})O_3$ powders 25 (1995) 161

Ravichandran, D., B. Jin, R. Roy and A.S. Bhalla, Raman spectroscopy of sol–gel derived $BaMg_{1/3}Ta_{2/3}$ perovskites 25 (1995) 257
Roy, R., see D. Ravichandran 25 (1995) 161
Roy, R., H.S. Dewan, K.A. Cherian, J.P. Cheng, A. Badzian, W. Drawl and C. Langlade, Precipitation of diamond from metallic liquids below 1 atm 25 (1995) 191
Roy, R., see D. Ravichandran 25 (1995) 257

Sadek, A.A., Effect of new tungsten electrodes on hot cracking susceptibility 25 (1995) 229
Saito, N.H., see R. Muccillo 25 (1995) 165
Sakai, A., N. Kitamori, K. Nishi and S. Motojima, Preparation and characterization of SiC-coated C/C composites using pulse chemical vapor deposition (pulse-CVD) 25 (1995) 61
Sanchez, E. and T. Lopez, Effect of the preparation method on the band gap of titania and platinum–titania sol–gel materials 25 (1995) 271
Schneider, J.A., A.K. Mukherjee, K. Yamazaki and K. Shoda, Mechanisms of plasma assisted sintering in the Si_3N_4 ceramic system 25 (1995) 101
Sen, S.K., see D. Basak 25 (1995) 9
Shaban, A.M., The optical energy gaps of polymer films as controlled by thermal and ionizing radiations 25 (1995) 179
Shaji Kumar, M.D., T.M. Srinivasan, P. Ramasamy and C. Subramanian, Synthesis of lanthanum aluminate by a citrate-combustion route 25 (1995) 171
Shang, J., see G. Cheng 25 (1995) 91
Shen, H.M., see F.F. Gong 25 (1995) 13
Shoda, K., see J.A. Schneider 25 (1995) 101
Siladitya, B., see M. Chatterjee 25 (1995) 261
Singh, R.P., see A. Chattopadhyay 25 (1995) 277
Sobolev, V.V. and J.M. Guilemany, Formation of chemical inhomogeneity in the coating structure during high velocity oxy-fuel (HVOF) spraying 25 (1995) 285
Solozhenko, V.L. and N.F. Ostrovskaya, Structural peculiarities of graphite-like boron nitride produced by crystallization in the region of metastability 25 (1995) 133
Song, X., see Y. Liu 25 (1995) 123
Sousa, C.A.C. and S.E. Kuri, Relationship between niobium content and pitting corrosion resistance in ferritic stainless steels 25 (1995) 57
Srinivasan, T.M., see M.D. Shaji Kumar 25 (1995) 171
Subramanian, C., see M.D. Shaji Kumar 25 (1995) 171
Sugama, T., Pectin copolymers with organosiloxane grafts as corrosion-protective coatings for aluminum 25 (1995) 291
Swiatek, K., see E. Černošková 25 (1995) 21

Tarina, D., see L. Diamandescu 25 (1995) 87
Tata, M.E., see P. Gondi 25 (1995) 249
Thomas, J.K., J. Kurian, M.A. Ittyachen and J. Koshy, Superconducting $YBa_2Cu_3O_{7-\delta}$ and $YBa_2Cu_3O_{7-\delta}$ + Ag thick films by dip-coating on $YBa_2HfO_{5.5}$ ceramic substrate 25 (1995) 301
Tichý, L., see A. Vidourek 25 (1995) 189
Trapalis, C.C., M.A. Karakassides, G. Kordas and X. Aslanoglou, Study of a multilayer wavelength-selective reflector prepared by the sol–gel process 25 (1995) 265
Tyagi, A.K., see S. Venugopal 25 (1995) 245

Varilci, A., see T.D. Dzhafarov 25 (1995) 81

Vasco, E., E. Purón and O. de Melo, Very low resistivity CdS films by annealing in Pd-purified H_2 25 (1995) 205
Venugopal, S., A.K. Tyagi, K. Krishan, S.L. Mannan and Y.V.R.K. Prasad, Influence of carbide particles on the dynamic recrystallization of as-cast 304 stainless steel: a study using secondary ion mass spectrometric (SIMS) analysis 25 (1995) 245
Verdon, E., M. Devalette and G. Demazeau, Solvothermal synthesis of cerium dioxide microcrystallites: effect of the solvent 25 (1995) 127
Vidourek, A., L. Tichý and M. Vlek , The preperation and some physical properties of thin amorphous Ge–Bi–S films (Mater. Letters 22 (1995) 59) 25 (1995) 189
Violette, K.E., M.C. Öztürk, K. Christensen and D.M. Maher, Smooth amorphous silicon deposition on silicon dioxide with high deposition rates by rapid thermal chemical vapor deposition using disilane 25 (1995) 305
Vlek , M., see A. Vidourek 25 (1995) 189

Wang, J.-J., see Z.-G. Yang 25 (1995) 209
Wang, S.W., J.K. Guo, X.X. Huang and B.S. Li, Morphological evolution of ZrO_2–SiO_2 composite gel and stability of tetragonal ZrO_2 25 (1995) 151
Wang, Y., see J. Gong 25 (1995) 185
Wang, Y.N., see F.F. Gong 25 (1995) 13

Xie, E., see J. Gong 25 (1995) 185
Xin, H., see W. Xu 25 (1995) 175
Xiong, S.B., Z.G. Liu and X.Y. Chen, Highly ⟨100⟩ textured growth of transparent PLT ferroelectric thin films by pulsed laser deposition 25 (1995) 213
Xu, C., see J. Gong 25 (1995) 185
Xu, W., L. Zheng, H. Xin, C. Lin, M. Gu, Z. Cao and M. Okuyama, $BaRuO_3$ thin films prepared by pulsed laser deposition 25 (1995) 175

Yamazaki, K., see J.A. Schneider 25 (1995) 101
Yang, J.S., see X.M. Chen 25 (1995) 53
Yang, Y., see W. Zhang 25 (1995) 17
Yang, Z.-G., H.-S. Fang, J.-J. Wang and Y.-K. Zheng, Application of atomic-force microscopy to metallography 25 (1995) 209
Yang, Z.J., Thermal expansion of the *ab*-plane in $La_{1.85}Sr_{0.15}CuO_4$ single crystal 25 (1995) 27
Ye, L.L., Z.G. Liu, J.Y. Huang and M.X. Quan, Combustion reaction of powder mixtures of composition $Ni_{20}Ti_{50}C_{30}$ during mechanical alloying 25 (1995) 117
Ying, J.Y., see J.W. Pell 25 (1995) 157
Yuan, J., see I.A. Rauf 25 (1995) 217
Yue, X.M., see G.J. Zhang 25 (1995) 97
Yun, S.I., see S.I. Kim 25 (1995) 195

Zhang, G.J., Z.Z. Jin and X.M. Yue, Reaction synthesis of TiB_2–SiC composites from TiH_2–Si–B_4C 25 (1995) 97
Zhang, J., see G. Cheng 25 (1995) 91
Zhang, W., Y. Yang, B. Hu, L. Han and G. Chen, Time-dependent photoconductive properties of polycrystalline diamond films with different boron concentration 25 (1995) 17
Zheng, L., see W. Xu 25 (1995) 175
Zheng, Y.-K., see Z.-G. Yang 25 (1995) 209

Zhitomirsky, I., A. Kohn and L. Gal-Or, Cathodic electrosynthesis of PZT films 25 (1995) 223
Zhu, S.N., see W.S. Hu 25 (1995) 5
Zur Loye, H.-C., see J.W. Pell 25 (1995) 157